Town Center Streetscape Project

Lexington, MA

Project Update

Board of Selectmen Meeting
October 6, 2014

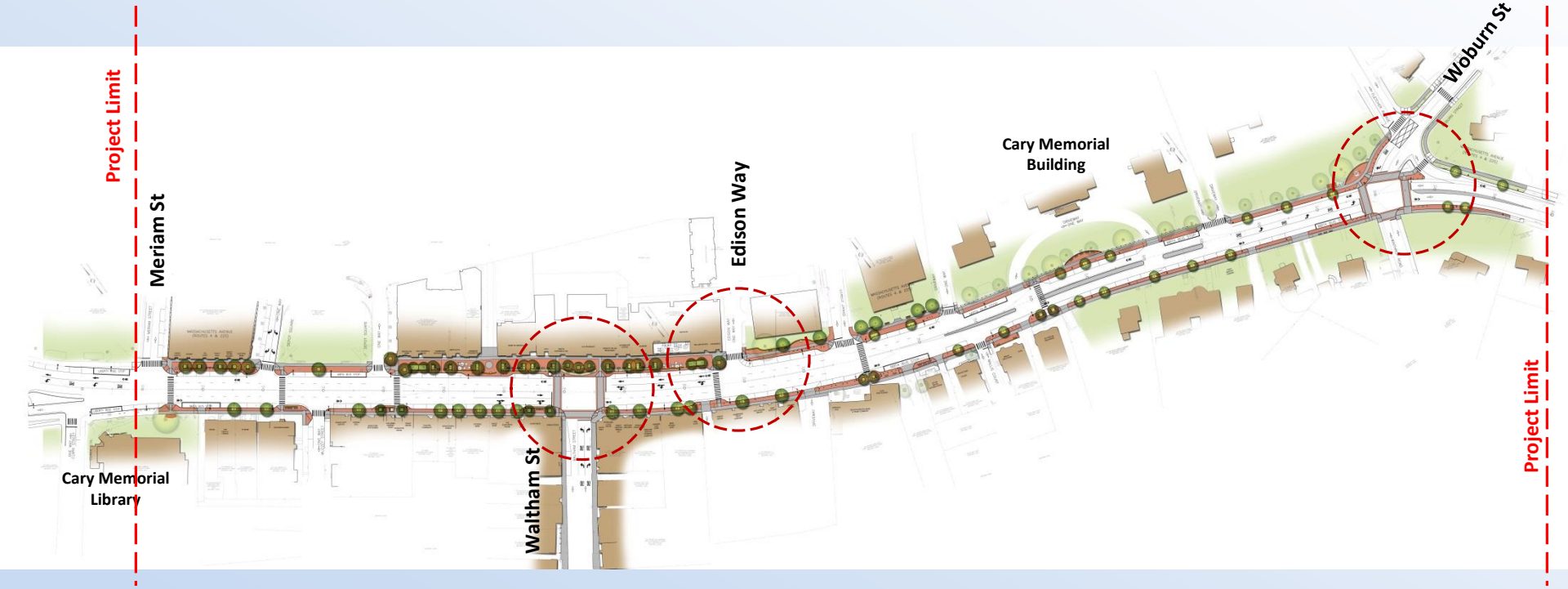
Project Update

Date	Committees
6/24/2013	Transportation Forum
8/8/2013	Center Committee
9/10/2013	Streetscape Committee
9/30/2013	Streetscape Committee
11/25/2013	Streetscape Committee
12/5/2013	Public Meeting Workshop
12/19/2013	Streetscape Committee (debrief public workshop)
1/9/2014	Streetscape Committee (on Battlegreen)
1/9/2014	ADA Committee
1/18/2014	Battle Green Committee
2/14/2014	Coordination Meeting with Nelson Nygaard on Parking Study
2/20/2014	Battle Green Committee
2/28/2014	Tourism Committee
3/11/2014	Pre-BOS meeting with Town Manger
3/12/2014	Property Owners Meeting
3/12/2014	Streetscape Committee-Lighting
3/17/2014	**BOS Meeting**
3/18/2014	**Public Meeting**
6/13/2014	**Streetscape Committee (Preliminary Design Reviews**
7/10/2014	**ADA Committee**
7/17/2014	**Preliminary Design Submittal**
9/10/2014	**Streetscape Committee (Project Coordination)**

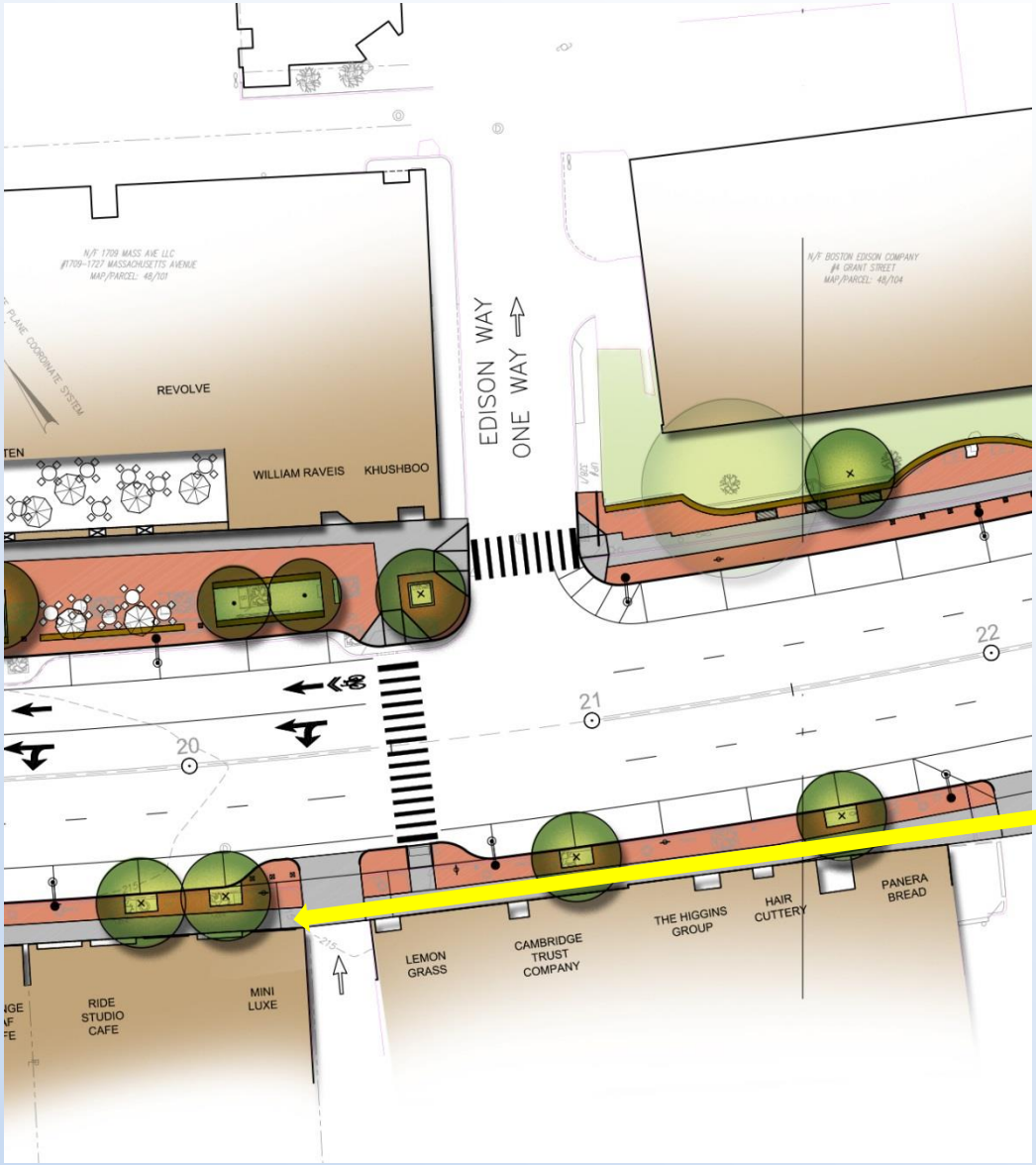
Presentation Outline

- Town Center
  1. Traffic Safety Improvements
     - Pedestrians, Bicycles & Vehicles
  2. Streetscape Improvements
     - Walkway Treatment Renderings
     - Interpretive Elements

Overall Plan

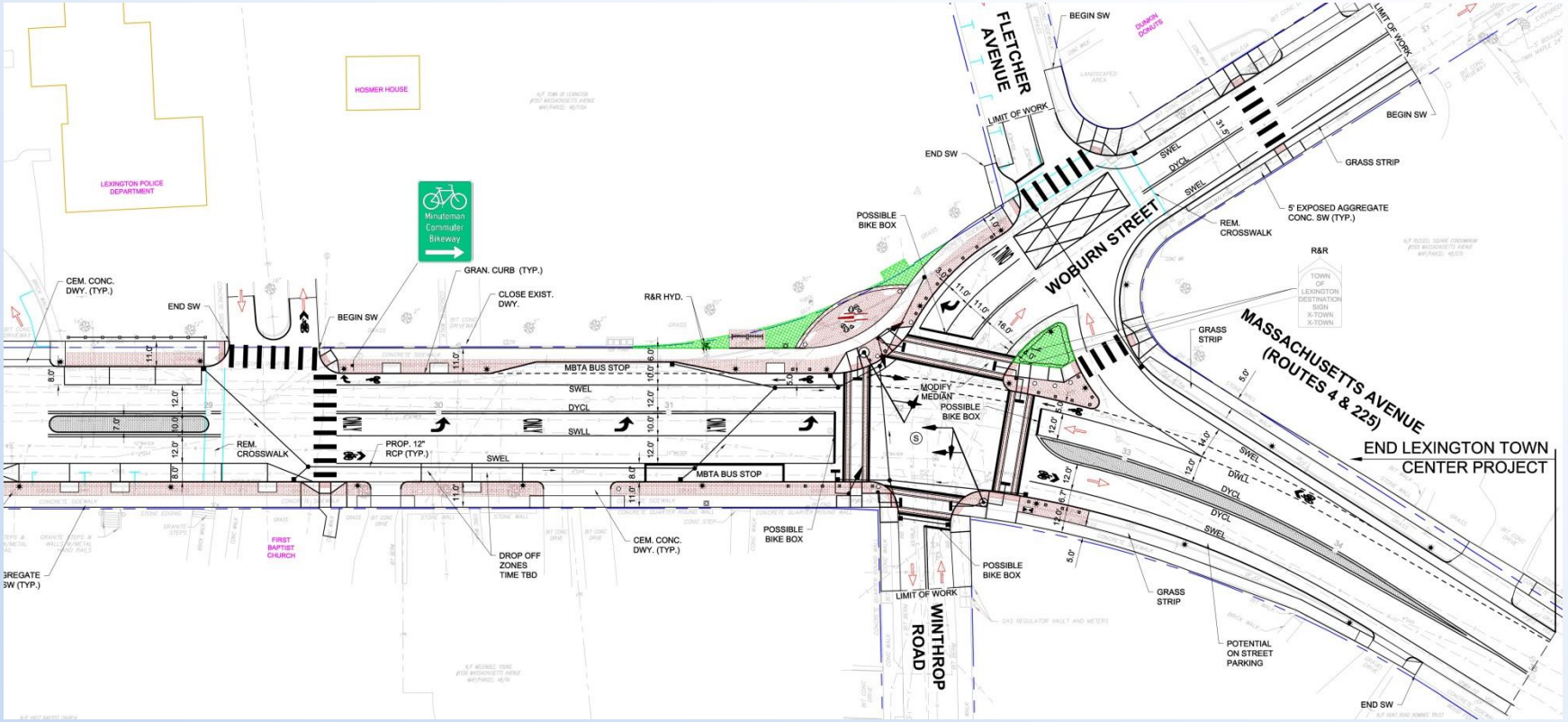



BANK OF AMERICA
DCU
PEET'S COFFEEE & TEA
CVS PHARMACY
MARIO'S ITALIAN RESAURANT
STARBUCKS COFFEE
NOURISH
CHYTEN
17
18
19
THE ELEPHANTS TRUNK
EYE LOOK
VALENTINE'S
RANCATORE'S
WALTHAM STREET
ONLY
ONLY
ONLY
ONLY
STEPHANIE LOUIS SALON
GOOD FEET
GREAT HARVEST BREAD CO.
ARTINIAN JEWLERS
SHADLEY ASSOCIATES
GREATER BOSTON RUNNING COMPANY
ORANGE LEAF CAFE



Electronic Blankout Sign With Volume Controlled Audio Feature

Massachusetts Avenue/Woburn Street/Winthrop Road Intersection



Design Option Comparisons
Massachusetts Avenue/Woburn Street/Winthrop Road Intersection

Design Option	Pros	Cons
Option 1 - Do Nothing	• Maintains existing traffic movements. • Maintains the existing island.	• Unsafe traffic patterns. • No pedestrian or bicycle accommodation. • Queuing on Woburn Street (320 feet) • Poor Operation (LOSF) • Appearance/ expansive pavement
Option 2 - Modify Geometry, No Signal	• Establish gateway to Town Center. • Pedestrian/ bicycle accommodations. • Improved traffic patterns/ channelization. • Traffic Calming.	• Pedestrian crosswalk unprotected. • Increased traffic queues on Woburn Street. (Minuteman crossing; 500 ft. beyond) • Poor operation (LOSF).
Option 3 - Modify Geometry, Traffic Signals	• Enhanced gateway to Town Center • Protected pedestrian/ bicycle accommodations. • Improved traffic safety/ operations. • Traffic calming benefits. • Manage Mass. Ave. Traffic. • Manage Winthrop Rd. traffic.	• Installation and maintenance of traffic signals.
Roundabout	• Controls traffic without the use of traffic signals.	• Requires extensive Right-of-Way.

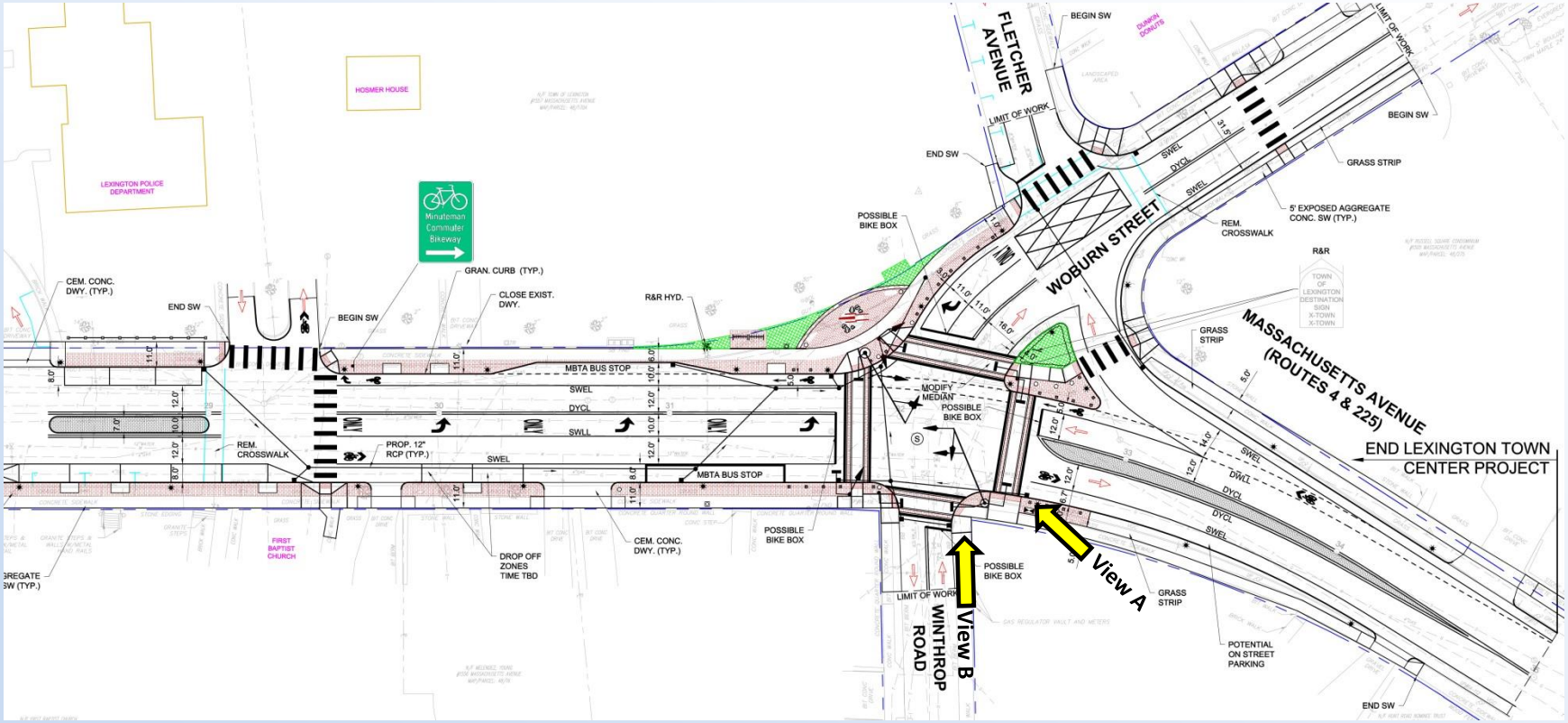
Design Option Comparisons Summary
Massachusetts Avenue/Woburn Street/Winthrop Road Intersection

Design Option	Option 1 (Do Nothing)	Option 2 (Modify Geometry, No Signal)	Option 3 (Modify Geometry, Traffic Signal)
1. Overall Safety	-	+	+ +
2. Pedestrian Crossing	-	+	+ +
3. Traffic Calming	-	+	+ +
4. Level of Operation (Delays/ LOS)	-	--	+
5. Appearance	-	+ +	+
6. Gateway	-	+	+ +
7. Winthrop Rd.	-	+	+

Note:
Our recommendation is Option 3. It provides overall safety, operational improvements and gateway enhancements.

Legend
- Negative
+ Positive

Massachusetts Avenue/Woburn Street/Winthrop Road Intersection
Recommended Option



Existing

Proposed

View A

Lexington Town Center Streetscape Project

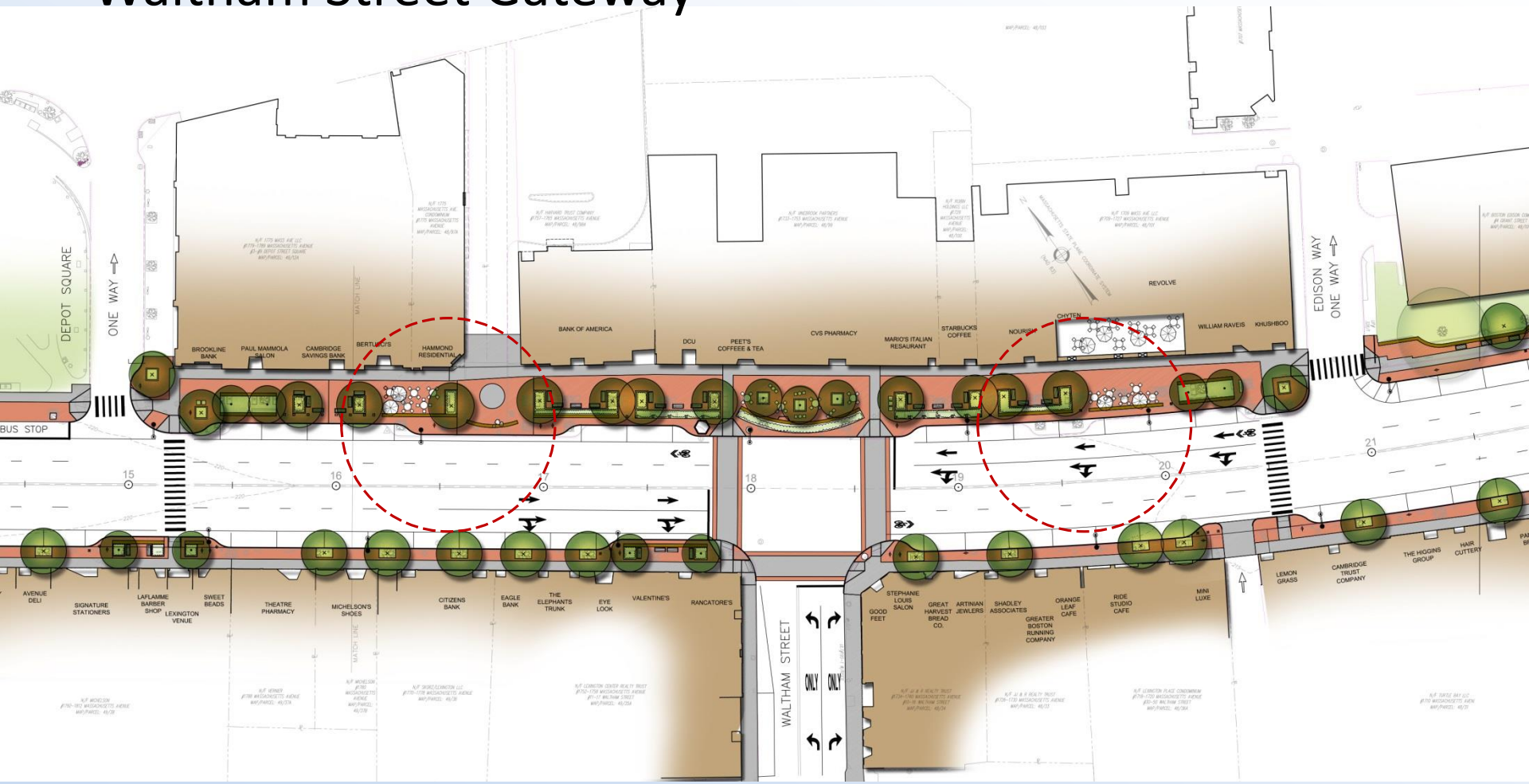
Existing

Proposed

View B

Lexington Town Center Streetscape Project

Commercial Area/
Waltham Street Gateway

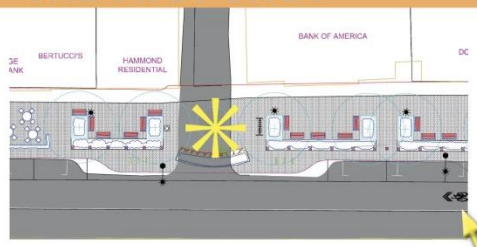


Grain Mill Alley

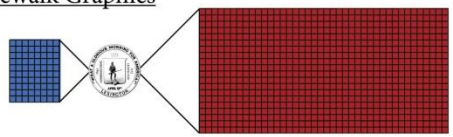
- Gathering Area/Historic Interpretation
- Coordinate with Grain Mill Alley

Salter Building

"The First Shot"

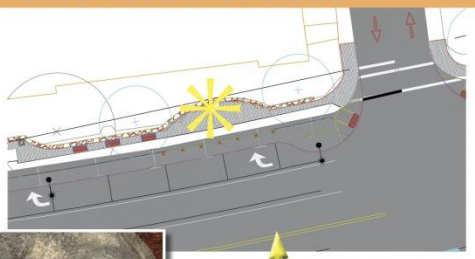


Sidewalk Graphics



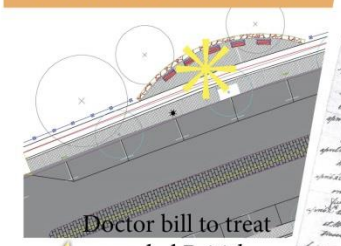
80 Colonists **800** British

"The First House"

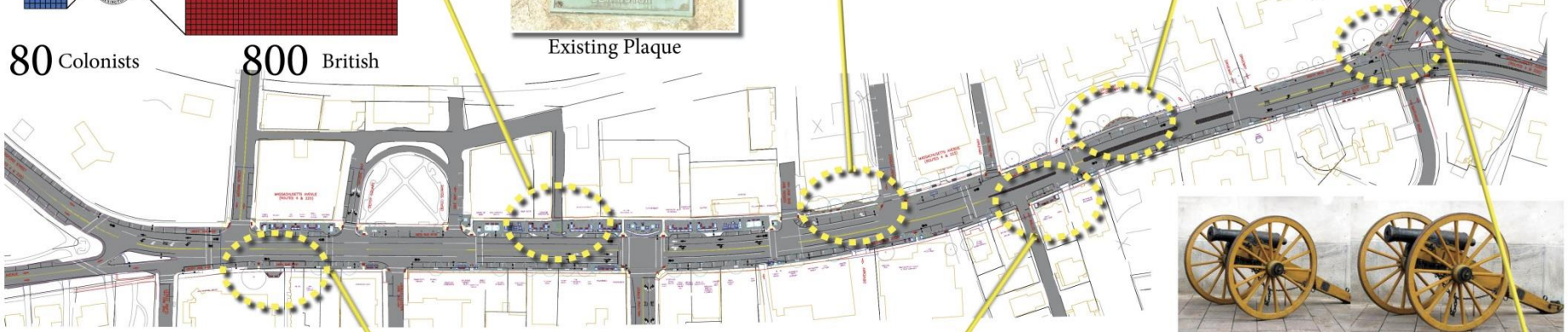


Existing Plaque

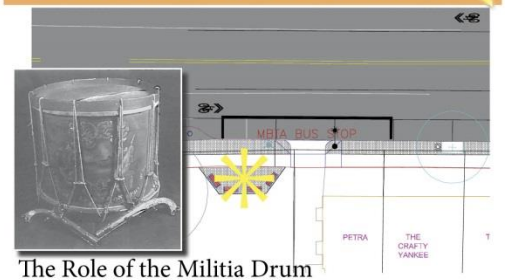
"Bill Me Later"



Doctor bill to treat wounded British soldiers left behind

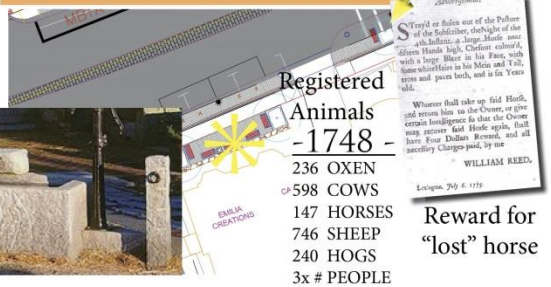


"Drumming Up A War"



The Role of the Militia Drum

"Where's My Horse?"



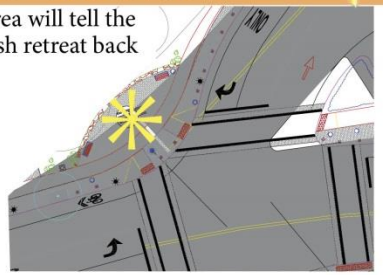
Registered Animals -1748 -

236	OXEN
598	COWS
147	HORSES
746	SHEEP
240	HOGS
3x #	PEOPLE

Reward for "lost" horse

"Two Cannons"

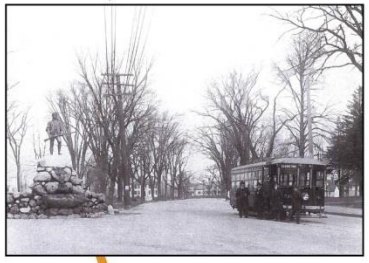
This gathering area will tell the story of the British retreat back to Boston.



Lexington By the Numbers

Interpretive Opportunities

Minute Man Statue
With Trolley Car 1910

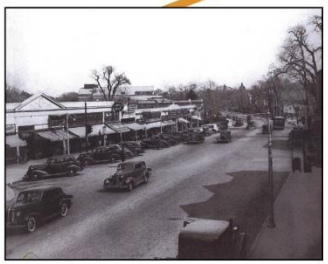


Buckman Tavern
Circa 1886

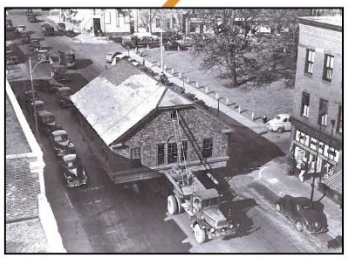
Foster's: Demolished Mid 1960s
One of the Oldest Commercial
Buildings in Lexington

Ice Storm of 1921

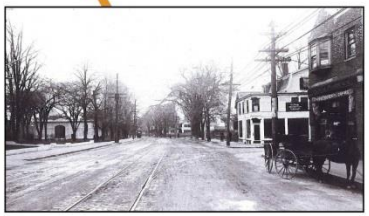
The '**Look Back**' Streetscape panels are located where the selected photographs show the more recent history of downtown Lexington. Because these smaller panels are meant to blend in with the Streetscape amenities, **a bronze sidewalk plaque and cobble banding** will assist in identifying the locations.



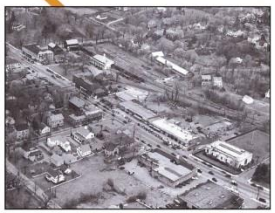
Lexington Center 1938



Relocating the Meriam St. Fire Station
to Woburn & Hayes
Circa 1947



Massachusetts Ave. at Waltham St.
Circa 1915



Lexington Center
1947

LEXINGTON - A LOOK BACK

INTERPRETIVE OPPORTUNITIES

Next Steps

- Final Design
  - 50 % Design
  - 100 % Design
- Construction Phase (2 to 3 Phases Subject to Funding Availability)